

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

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Description of Amendments to the Claims:

10 Claims 2-51 remain in this application. Claim 1 has been cancelled. Claim 51 has been added. Claims 2-7, 9, 10, 12-45, and 50 have been amended.

Listing of Claims:

15 Claim 1 (cancelled)

2. (currently amended): The self positioning astragal seal according to claim + 51,
wherein said astragal spring ~~means~~ comprises at least one compression spring.

20 3. (currently amended): The self positioning astragal seal according to claim + 51,
wherein said seal block catch comprises a seal block shoulder.

4. (currently amended): The self positioning astragal seal according to claim + 51,
wherein said bolt ~~portion~~ catch comprises a bolt shoulder.

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5. (currently amended): The self positioning astragal seal according to claim 3,
wherein said bolt ~~portion~~ catch comprises a bolt shoulder,
said seal block shoulder ~~catching~~ catches said bolt shoulder and ~~holding~~ holds
said seal block in said seal block retracted position when said bolt is in said

bolt retracted position and ~~releasing~~ releases said seal block when said bolt is
in said bolt extended position;

6. (currently amended): The self positioning astragal seal according to claim 4 51,

5 wherein said seal block has an end seal.

7. (currently amended): The self positioning astragal seal according to claim 4 51,

 wherein said seal block has a face seal.

10 8. (previously presented): The self positioning astragal seal according to claim 6,

 wherein said seal block has a face seal.

9. (currently amended): The self positioning astragal seal according to claim 4 51,

 wherein said self positioning astragal seal is adapted to be installed on said

15 astragal.

10. (currently amended): The self positioning astragal seal according to claim 9,

 wherein said astragal is adapted to be affixed to a door having a door frame, said

 door frame having a header and a sill.

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11. (previously presented): The self positioning astragal seal according to claim 10,

 wherein said seal block has an end seal.

12. (currently amended): The self positioning astragal seal according to claim 11,
wherein said end seal ~~abuts~~ is adapted to abut said sill, when said seal block is in
said seal block extended position.

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13. (currently amended): The self positioning astragal seal according to claim 11,
wherein said end seal ~~abuts~~ is adapted to abut said header, when said seal block is
in said seal block extended position.

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14. (currently amended): The self positioning astragal seal according to claim ~~4~~ 51,
wherein said astragal is adapted to be affixed to a door having a door frame, said
door frame having a header and a sill, one said self positioning astragal seal is
adapted to be installed on said astragal adjacent said sill and another said self
positioning astragal seal is adapted to be installed on said astragal adjacent said
header.

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15. (currently amended): The self positioning astragal seal according to claim 6,
wherein said astragal is adapted to be affixed to a door having a door frame, said
door frame having a header and a sill, one said self positioning astragal is adapted
to be installed on said astragal adjacent said sill and another said self positioning
astragal is adapted to be installed on said astragal adjacent said header;

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said end seal of said self positioning astragal seal adjacent said sill ~~abuts is~~
adapted to abut said sill, when said seal block of said self positioning astragal
seal adjacent said sill is in said seal block extended position;

said end seal of said self positioning astragal seal adjacent said header ~~abuts is~~
5 adapted to abut said header, when said seal block of said self positioning
astragal seal adjacent said header is in said seal block extended position;

16. (currently amended): The self positioning astragal seal according to claim 12,
wherein said at least one seal block spring forces said seal block to abut said sill
10 when said seal block is in said seal block extended position ~~is automatically~~
adjusting.

17. (currently amended): The self positioning astragal seal according to claim 13,
wherein said at least one seal block spring forces said seal block to abut said
15 header when said seal block is in said seal block extended position ~~is~~
automatically adjusting.

18. (currently amended): The self positioning astragal seal according to claim 15,
wherein: ~~said seal block extended position is automatically adjusting~~
20 said at least one seal block spring of said self positioning astragal seal
adjacent said sill forces said seal block of said self positioning astragal

adjacent said sill to abut said sill, when said seal block of said self positioning
astragal adjacent said sill is in said seal block extended position;
said at least one seal block spring of said self positioning astragal seal
adjacent said header forces said seal block of said self positioning astragal
5 adjacent said header to abut said header, when said seal block of said self
positioning astragal adjacent said header is in said seal block extended
position.

19. (currently amended): The self positioning astragal seal according to claim 9,
10 wherein said astragal has a bolt retraction stop adapted to limit the extent of travel
of said bolt to said bolt retracted position.

20. (currently amended): The self positioning astragal seal according to claim 9,
wherein said astragal has a bolt extension stop adapted to limit the extent of travel
15 of said bolt to said bolt extended position.

21. (currently amended): The self positioning astragal seal according to claim 9,
wherein said astragal has a seal block retraction stop and a seal block extension
stop;

20 said seal block retraction stop ~~limiting~~ adapted to limit the retracted extent of
travel of said seal block to said seal block retracted position;

said seal block extension stop ~~limiting~~ adapted to limit the ~~released~~ extent of travel of said seal block when said seal block is released.

22. (currently amended): The self positioning astragal seal according to claim 9,
5 wherein said seal block has a guide block adapted to guide said seal block
between said seal block retracted position and a said seal block ~~released~~ extended
position when said seal block is released.

23. (currently amended): The self positioning astragal seal according to claim ~~4~~ 51,
10 wherein said seal block has a guide block adapted to mount said self positioning
astragal seal to said astragal.

24. (currently amended): The self positioning astragal seal according to claim 23,
wherein said guide block is adapted to guide said seal block between said seal
15 block retracted position and a said seal block ~~released~~ extended position when
said seal block is released.

25. (currently amended): The self positioning astragal seal according to claim 23,
wherein said at least one seal block spring ~~means~~ comprises at least one
20 compression spring abutting at least one portion of said seal block and ~~abutting~~
adapted to abut at least one portion of said astragal.

26. (currently amended): The self positioning astragal seal according to claim 24,
wherein said at least one seal block spring ~~means~~ comprises at least one
compression spring abutting at least one portion of said seal block and ~~abutting~~
adapted to abut at least one portion of said astragal.

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27. (currently amended): The self positioning astragal seal according to claim + 51,
wherein said seal block has a guide block adapted to slidably maintain said seal
block about said astragal and guide said seal block between said seal block
retracted position and a said seal block ~~released~~ extended position when said seal
block is released.

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28. (currently amended): The self positioning astragal seal according to claim + 51,
wherein said astragal ~~has~~ is adapted to have an elongated guide and said seal
block has a guide block adapted to slidably maintain said seal block about said
elongated guide and guide said seal block between said seal block retracted
position and a said seal block ~~released~~ extended position, when said seal block is
released.

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29. (currently amended): The self positioning astragal seal according to claim 28,
wherein said at least one seal block spring ~~means~~ comprises at least one
compression spring abutting at least one portion of said seal block and ~~abutting~~
adapted to abut at least one portion of said elongated guide.

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30. (currently amended): The self positioning astragal seal according to claim 28,
wherein said elongated guide ~~has~~ is adapted to have a substantially centrally
disposed longitudinal channel and opposing longitudinal side channels;

5 said bolt ~~slidable~~ is adapted to move within said substantially centrally
disposed longitudinal channel.

31. (currently amended): The self positioning astragal seal according to claim 30,
wherein said side channels are adapted to have stops therein and said at least one
10 seal block spring ~~means~~ comprises compression springs;

 said compression springs ~~abutting~~ abut said seal block and ~~abutting~~ are
adapted to abut said stops.

32. (currently amended): The self positioning astragal seal according to claim 31,
15 wherein said guide block ~~has~~ is adapted to have compression spring guide ~~holder~~
holders, said compression springs mounted about said compression spring
holders.

33. (currently amended): The self positioning astragal seal according to claim 28,
20 wherein said elongated guide ~~has~~ is adapted to have a seal block retraction stop
and a seal block extension stop;

said seal block retraction stop ~~limiting~~ is adapted to limit the ~~retracted~~ extent of travel of said seal block to said seal block retracted position;
said seal block extension stop ~~limiting~~ is adapted to limit the ~~released~~ extent of travel of said seal block when said seal block is released;

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34. (currently amended): The self positioning astragal seal according to claim 33, wherein said guide block ~~has~~ is adapted to have a T shaped member adapted to guide said seal block between said seal block retracted position and said seal block ~~released~~ extended position, when said seal block is released.

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35. (currently amended): The self positioning astragal seal according to claim ~~4~~ 51, wherein said astragal ~~has spring means and a latching mechanism having a latch;~~
~~said latching mechanism retracting~~ latch is adapted to retract said bolt into said bolt retracted position, ~~and compressing said astragal spring means when~~
said latch is ~~retracted to a latch retracted position~~ releasably secured;
~~said latching mechanism releasing said bolt and said astragal spring means~~
~~forcing~~ latch adapted to force said bolt into said bolt extended position ~~and~~
~~said latch into a latch released position~~ when said latch is released.

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36. (currently amended): The self positioning astragal seal according to claim 35, wherein said ~~astragal~~ at least one seal block spring ~~means~~ comprises a at least one compression spring.

37. (currently amended): The self positioning astragal seal according to claim 9,
wherein said astragal ~~has spring means and a latching mechanism having a latch;~~
~~said latching mechanism retracting~~ latch is adapted to retract said bolt into
5 said bolt retracted position, ~~and compressing said astragal spring means when~~
said latch is ~~retracted to a latch retracted position~~ releasably secured;
said ~~latching mechanism releasing said bolt and said astragal spring means~~
~~forcing~~ latch adapted to force said bolt into said bolt extended position, ~~and~~
said ~~latch into a latch released position~~ when said latch is released.

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38. (currently amended): The self positioning astragal seal according to claim 37,
wherein said astragal at least one seal block spring ~~means~~ comprises a at least one
compression spring.

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39. (currently amended): The self positioning astragal seal according to claim 28,
wherein said astragal ~~has spring means and a latching mechanism having a latch;~~
~~said latching mechanism retracting~~ latch is adapted to retract said bolt into
said bolt retracted position, ~~and compressing said astragal spring means when~~
said latch is ~~retracted to a latch retracted position~~ releasably secured;
20 said ~~latching mechanism releasing said bolt and said astragal spring means~~
~~forcing~~ latch adapted to force said bolt into said bolt extended position, ~~and~~
said ~~latch into a latch released position~~ when said latch is released.

40. (currently amended): The self positioning astragal seal according to claim 39,
wherein said elongated guide ~~has~~ is adapted to have a substantially centrally
disposed longitudinal channel and opposing longitudinal side channels;
5 said bolt ~~slidable~~ is adapted to move within said substantially centrally
disposed longitudinal channel.
41. (currently amended): The self positioning astragal seal according to claim 40,
wherein said side channels are adapted to have stops therein and said self
10 ~~positioning astragal seal spring means~~ at least one seal block spring comprises
compression springs;
 said self ~~positioning astragal seal~~ compression springs ~~abutting~~ abut said seal
block and are adapted to ~~abutting~~ abut said stops.
- 15 42. (currently amended): The self positioning astragal seal according to claim 40,
wherein said astragal spring ~~means-comprises~~ is adapted to comprise a
compression spring and said substantially centrally disposed longitudinal channel
~~has~~ is adapted to have said ~~astragal~~ compression spring therein.
- 20 43. (currently amended): The self positioning astragal seal according to claim 41,
wherein said astragal spring ~~means-comprises~~ is adapted to comprise a

compression spring and said substantially centrally disposed longitudinal channel
has is adapted to have said astragal compression spring therein.

44. (currently amended): The self positioning astragal seal according to claim 4 51,
5 wherein said seal block is molded.

45. (currently amended): The self positioning astragal seal according to claim 4 51,
wherein said seal block of an acetal material.

10 46. (previously presented): The self positioning astragal seal according to claim 6,
wherein said end seal is of cellular material.

47. (previously presented): The self positioning astragal seal according to claim 6,
wherein said end seal is of closed cell neoprene sponge material.

15 48. (previously presented): The self positioning astragal seal according to claim 7,
wherein said face seal is of cellular material.

49. (previously presented): The self positioning astragal seal according to claim 7,
20 wherein said face seal is of closed cell neoprene sponge material.

50. (currently amended): The self positioning astragal seal according to claim 9,
wherein said astragal is adapted to be a locking astragal, which is adapted to
releasably locks ~~lock~~ said bolt into said bolt extended position.

5 51. (New): A self positioning astragal seal, for use with an astragal having a proximal
end, a distal end, a latch comprising an astragal spring, and a bolt comprising a
bolt catch, the bolt slidably disposed through the astragal at the proximal end so
as to be moved between a bolt extended position farthest from the astragal distal
end and a bolt retracted position closest to the astragal distal end, the latch having
10 a releasably secured position and a released position, the bolt being moved into
the bolt retracted position and releasably secured in the bolt retracted position by
forcing the latch to oppose the force of the astragal spring and releasably securing
the latch in the releasably secured position, the bolt being moved to the bolt
extended position by actuating the latch, the astragal spring forcing the latch into
15 the released position and the bolt to the bolt extended position, comprising:
a seal block having a seal block catch, a hole, and at least one seal block
spring,
said bolt slidably disposed through said hole,
said seal block slidably disposed about said bolt between a seal block
20 extended position farthest from said astragal distal end and a seal block
retracted position closest to said astragal distal end,

said seal block catch adapted to catch said bolt catch, move said seal block to said seal block retracted position as said bolt is moved from said bolt extended position to said bolt retracted position, and oppose the force of said at least one seal block spring,

5 said seal block catch adapted to disengage from said bolt catch when said bolt is moved from said bolt retracted position to said bolt extended position, said at least one seal block spring forcing said seal block to said seal block extended position.

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